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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/751,040	12/29/2000	Martin Larsson	010315-126	7739

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ERICSSON INC.  
6300 LEGACY DRIVE  
M/S E V W 2 - C - 2  
PLANO, TX 75024

EXAMINER

CHOUDHURY, AZIZUL Q

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 02/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/751,040

Applicant(s)

LARSSON, MARTIN

Examiner

Azizul Choudhury

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 10/1/04.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 26,28-33,35-41 and 43-45 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 26,28-33,35-41 and 43-45 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/5/01.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Detailed Action***

This office action is in response to the correspondence received on October 1, 2004.

***Claim Objections***

Claim 45 is objected to because of the following informalities: The term "sing" within the phrase "said control signal sing said database," is believed to have been included in error. Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 23-44 are rejected under 35 U.S.C. 102(b) as being anticipated by Dulman (US Pat No: US005915008A).

1. With regards to claim 45, Dulman teaches an arrangement in a communication network comprising: a client site further comprising a plurality of remotely controllable devices; and an intelligent network comprising: an automation service server for providing control signals for controlling said remotely controllable devices wherein said automation service server further comprises a database for storing information corresponding to said client site and said

remotely controllable devices; a traffic adapter for converting said control signals to a signal adapted to said client site and associated remotely controllable devices; and wherein said automation service server generates said control signal said database for a particular remotely controllable device within said client site in response to receiving an instruction from a user to selectively control said remotely controllable device (Dulman presents a design for Intelligent Networks that uses customer premises equipment (CPE). In addition, the design allows for customers to remotely adjust the devices attached through the Intelligent Network and hence provides customers with remote control over devices as claimed (column 4, lines 45-64, Dulman). Plus, Dulman discloses that data to be sent out is converted into an AIN compatible format (column 4, lines 27-35, Dulman). Hence, the claimed traffic adapter must inherently be present within Dulman's design since the claimed data/signal conversion step is performed in Dulman's design. Finally with regards to claimed database, Dulman's design has each of the CPE devices supply the transaction data (column 5, lines 9-14, Dulman). In addition, the CPE has means for creating modifying and deleting user profiles (column 5, lines 39-46, Dulman). Since data relating to devices to be accessed exist within the accessing device (CPE), it is inherent that the claimed database is present within Dulman's design).

2. With regards to claim 26, Dulman teaches the arrangement wherein said information includes at least a communication category with the client site, type

of control means, and type of services available (The customer profile data (column 1, lines 5-10, Dulman) is used for providing the customer with intelligent network (IN) services. Hence, the claimed traits must be present within the profiles).

3. With regards to claim 28, Dulman teaches the arrangement further comprising a Communication Interface for communication with the client (Dulman's design allows for a variety of interface formats and hence must allow for communication interfaces (column 4, lines 55-59, Dulman)).
4. With regards to claim 29, Dulman teaches the arrangement wherein said Communication Interface includes several types of communication devices (Dulman's design allows for a variety of interface formats and hence must allow for a variety of communication devices (column 4, lines 55-59, Dulman)).
5. With regards to claim 30, Dulman teaches the arrangement wherein said Communication Interface includes means for encrypting and decrypting signals to at least one client site (Dulman's design allows for security (column 4, lines 25-27, Dulman)).
6. With regards to claim 31, Dulman teaches the arrangement wherein said traffic adapter includes protocols for converting the IN control signals to at least one of

LONworks, Cebus and X-10 client site control signals (Dulman's design allows for a variety of formats (column 4, lines 55-59, Dulman)).

7. With regards to claim 32, Dulman teaches the arrangement wherein the IN further includes a Service Switching Point and Service Control Points (Dulman's design has switching points (column 5, line 7, Dulman) and service control points (column 6, line 58, Dulman)).
8. With regards to claim 33, Dulman teaches the arrangement wherein the Service Switching Point and Service Control Points communicate with the Automating Services Server using TCP/IP (Dulman's design uses TCP/IP (column 7, line 45, Dulman)).
9. With regards to claim 35, Dulman teaches the arrangement wherein said client site further includes a Local Area Network (LAN) (Dulman's design uses local area networks (column 10, lines 16-17, Dulman)).
10. With regards to claim 36, Dulman teaches the arrangement wherein said Communication Interface communicates using at least one of PSTN, ISDN, ADSL, ATM and powerline (Dulman's design allows for a variety of communication lines, including ISDN (column 4, lines 59-64, Dulman)).

11. With regards to claim 37, Dulman teaches the arrangement wherein said LAN is a powerline based network (Dulman's design allows for a variety of communication lines (column 4, lines 59-64, Dulman)).

12. With regards to claim 38, Dulman teaches a communications network comprising: a service provider part including a service providing server; a client part including at least one remotely controllable device; and communications means to connect the service provider part and the client part, wherein said communications means further includes a traffic adapter for converting signals between said service provider part and said client part; wherein the service provider server is part of an Intelligent Network (IN) and includes at least information corresponding to the at least one remotely controllable device and further includes means to provide initiation commands through the communications means when initiated by a client wherein said initiation commands provided by the service provider server remotely controls said remotely controllable device and transmitted to said client part by said communication means using said traffic adapter (Dulman presents a design for Intelligent Networks that uses customer premises equipment (CPE). In addition, the design allows for customers to remotely adjust the devices attached through the Intelligent Network and hence provides customers with remote control over devices as claimed (column 4, lines 45-64, Dulman). Plus, Dulman discloses that data to be sent out is converted into an AIN compatible format (column 4,

lines 27-35, Dulman). Hence, the claimed traffic adapter must inherently be present within Dulman's design since the claimed data/signal conversion step is performed in Dulman's design).

13. With regards to claim 39, Dulman teaches the communications network wherein the client part further includes a powerline network (Dulman's design allows for a variety of communication lines (column 4, lines 59-64, Dulman)).

14. With regards to claim 40, Dulman teaches the communications network wherein the network is a telecommunication network (Dulman's design allows for a variety of communication lines (column 4, lines 59-64, Dulman)).

15. With regards to claim 41, Dulman teaches a method for remotely controlling at least one device at a remote site using a communication network, the method comprising the steps of: arranging a remote management service server in an Intelligent Network (IN); connecting a service request from a client to said service server in said IN; wherein said service request is to remotely control said device at said remote site; generating a management command by means of said service server wherein said service server further uses an information database storing information corresponding to said remote site; converting the management command into a form receivable by said device at said remote site and transmitting the command to a location specified by the client (Dulman



presents a design for Intelligent Networks that uses customer premises equipment (CPE). In addition, the design allows for customers to remotely adjust the devices attached through the Intelligent Network and hence provides customers with remote control over devices as claimed (column 4, lines 45-64, Dulman). Plus, Dulman discloses that data to be sent out is converted into an AIN compatible format (column 4, lines 27-35, Dulman). Hence, the claimed traffic adapter must inherently be present within Dulman's design since the claimed data/signal conversion step is performed in Dulman's design. Finally with regards to claimed database, Dulman's design has each of the CPE devices supply the transaction data (column 5, lines 9-14, Dulman). In addition, the CPE has means for creating modifying and deleting user profiles (column 5, lines 39-46, Dulman). Since data relating to devices to be accessed exist within the accessing device (CPE), it is inherent that the claimed database is present within Dulman's design).

16. With regards to claim 43, Dulman teaches the method wherein the service is provided through one of subscription and purchasing (The users in Dulman's design are subscribers and hence subscriptions and purchasing means must exist (column 1, lines 5-10, Dulman)).

17. With regards to claim 44, Dulman teaches the method wherein the service is integrated into telephony services and provided through local exchanges of a

public telephone network (Dulman's design allows for telephone networks (Figure 2, Dulman)).

### ***Remarks***

The claims submitted on October 1, 2004 have been carefully evaluated but they are not deemed fully persuasive. The applicant's representative, within the claims and amendment, addresses two primary issues. Brief explanations in response to the addressed issues are provided below.

First the applicant's representatives remark within page 7 of the remarks/arguments portion of the application, that the Dulman prior art "works in the opposite direction." The applicant's representatives believe that the claimed design allows for remotely controlling local devices via an Intelligent Network. The applicant's representatives should note however that in Dulman's design, the design allows for customers to use devices (called CPE within the specifications) to remotely control services from remote devices using Advanced Intelligent Networks. Devices are still remotely controlled through Intelligent Networks in Dulman's design as is argued by the applicant's representative.

Second, the applicant's representatives amended claims to include the trait of a traffic adapter that converts signals. As expressed within the current rejection, Dulman discloses that data to be sent out is converted into an AIN compatible format (column 4, lines 27-35, Dulman). Hence, the claimed traffic adapter must inherently be present within Dulman's design since the claimed data/signal conversion step is performed and the data/signal is transferred within networks in Dulman's design.

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

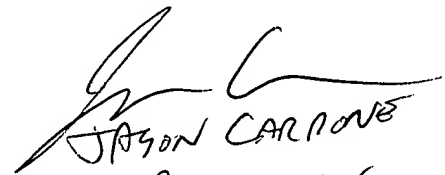
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Azizul Choudhury whose telephone number is (571) 272-3909. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia Martin-Wallace can be reached on (571) 272-6159. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AC

  
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PRIMAT EX.  
AW: 2145